

ABSTRACT

A transport device for transporting a transportable product, especially a bulk-type product, includes an essentially cylindrical chamber containing at least one shaft which extends along the cylindrical chamber and comprises a plurality of first transport elements for transporting products in a product transport direction. The transport elements extending radially outwards from the shaft and are respectively connected to the shaft at connection points on the surface thereof. The individual connection points are located along a helical line on the surface of the shaft and the plurality of first transport elements form a first path which corresponds to the helical line and comprises a first discontinuous section extending in a helical manner around the surface of the shaft. Other elements are arranged at least in partial regions of the first path, such elements protruding into the first path.